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TC Cederlöf, A de Klerk, T Herlin, T Ostaszewski - e-techservices.com
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I Stoica, H Abdel-Wahab, K Jeffay - Multimedia Computing and Networking Proceedings, SPIE ..., 1997 - cs.unc.edu
... client reserves 50% of the **CPU**, the remaining ... bid acquires the **resource** for the next **time-slice**. ... scheme successfully solves the **resource allocation** problem in ...
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MH Klein, T Ralya, B Pollak, R Obenza, MG Harbour - 1993 - Kluwer Academic Publishers
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DB Kirk - Real Time Systems Symposium, 1989., Proceedings., 1989 - ieeexplore.ieee.org
... Caches have been bridging the gap between **CPU** speeds and ... this static time-slicing of system **resources** is shown ... are processed by dedicat- ing a **time slice** to a ...
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MA Jette - Proc. of Supercomputing - doi.ieeecomputersociety.org
... is also permitted to alter its **resource** requirements during ... use which is updated at **time-slice** boundaries. ... For example, if a program's **CPU allocation** and **CPU** ...
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21 Kernel-level scheduling for the nano-threads programming model

Eleftherios D. Polychronopoulos, Xavier Martorell, Dimitrios S. Nikolopoulos, Jesus Labarta, Theodore S. Papatheodorou, Nacho Navarro

July 1998 **Proceedings of the 12th international conference on Supercomputing**

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22 The impact of operating system scheduling policies and synchronization methods of performance of parallel applications

Anoop Gupta, Andrew Tucker, Shigeru Urushibara

April 1991 **ACM SIGMETRICS Performance Evaluation Review , Proceedings of the 1991 ACM SIGMETRICS conference on Measurement and modeling of computer systems SIGMETRICS '91**, Volume 19 Issue 1

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Shared-memory multiprocessors are frequently used as compute servers with multiple parallel applications executing at the same time. In such environments, the efficiency of a parallel application can be significantly affected by the operating system scheduling policy. In this paper, we use detailed simulation studies to evaluate the performance of several different scheduling strategies, These include regular priority scheduling, coscheduling or gang scheduling, process control with processor pa ...

23 Borrowed-virtual-time (BVT) scheduling: supporting latency-sensitive threads in a general-purpose scheduler

Kenneth J. Duda, David R. Cheriton

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Systems need to run a larger and more diverse set of applications, from real-time to interactive to batch, on uniprocessor and multiprocessor platforms. However, most